



**Listing of Approved Courses for Continuing Education Units
For Iowa Certified Groundwater Professionals
2012-13**

COURSE TITLE	LOCATION	DATE	UNITS
2012 North American Environmental Field Conference and Exposition (West)	Mariott Courtyard at Liberty Station San Diego, CA	2/7-10/2012	28
Digital Location Referencing, Computer Maps, and Geographic Information for Geologists – Bruce Vandre	Dixie State College St. George, Utah Community Education Call #25586 Call (435) 652-7675 for info and registration DSC, Smith Computer Center, Rm 118 Vanmontage.org	2/25/2012	6.0
Leaking UST Forum	Wallace Bldg – Auditorium Des Moines, IA	2/29/2012	2.0
2012 North American Environmental Field Conference and Exposition (East)	Embassy Suites at the University of South Tampa, Florida Tampa, FL	3/13-16/2012	28
Midwest GeoSciences/Advanced LNAPL Site Management and Quantitative Analysis	2-day course - four centres around Australia Perth – Citigate perth Adelaide – IVC Melbourne – Karstens Sydney - Karstens	3/12-13/2012 3/15-16/2012 3/19-20/2012 3/22-23/2012	13.0
23 rd National Tanks Conference Expo	St. Louis Union Station Marriott Hotel St. Louis, MO http://www.neiwpc.org/tanksconference/	3/19-21/2012	13.5
IGWA 2012 Spring Meeting	Iowa Association of Municipal Utilities Ankeny, IA www.igwa.org	3/21/2012	2.5
Midwest GeoSciences/Advanced Aquifer Testing Techniques Featuring AQTESOLV, New Concepts, Field Methods, and Data Analysis Procedures	Camden Yards Conference Event Center Baltimore, MD, USA	4/24-26/2012	24
ASTM/Screening for Vapor Encroachment onto Property Involved in Real Estate Transactions			7.0

~The DNR's status on Internet seminars or audio/video classes for Groundwater Professional CEUs is as follows:

"The DNR will consider these as valid CEUs if they pertain to the cleanup and assessment of leaking underground storage tanks in Iowa, and if there is a test associated with the material presented. Verification of participation in the seminar would be provided by successfully passing the test. DNR will need a training outline submitted for each course to determine how many credits will be awarded."

COURSE TITLE	LOCATION	UNITS
ITRC/Integrated DNAPL Site Strategy	1/10/2012	2.25
ITRC/Development of Performance Specifications for Solidification/Stabilization	1/12/2012	2.25
ITRC/Permeable Reactive Barrier: Technology Update	1/24/2012	2.25
ITRC/Incorporating Bioavailability Considerations into the Evaluation of Contaminated Sediment Sites	1/26/2012	2.25
ITRC/Green and Sustainable Remediation	2/14/2012	2.25
ITRC/Use and Measurement of Mass Flux and Mass Discharge	2/16/2012	2.25
ITRC/Decision Framework for Applying Attenuation Processes to Metals and Radionuclides	2/23/2012	2.25
ITRC/Phytotechnologies	2/28/2012	2.25
ITRC/Use of Risk Assessment and Management of Contaminated Sites	3/6/2012	2.25
ITRC/Project Risk Management for Site Remediation	3/8/2012	2.25
ITRC/Biofuels: Release Prevention, Environmental Behavior, and Remediation	3/13/2012	2.25
ITRC/Mine Waste Treatment Technology Selection	3/22/2012	2.25
ITRC/Integrated DNAPL Site Strategy	4/5/2012	2.25
ITRC/Permeable Reactive Barrier: Technology Update	4/10/2012	2.25
ITRC/Green and Sustainable Remediation	4/26/2012	2.25
ITRC/Use and Measurement of Mass Flux and Mass Discharge	5/3/2012	2.25
ITRC/Incremental Sampling Methodology - Part 1	5/8/2012	2.25
ITRC/An Improved Understanding of LNAPL Behavior in the Subsurface - Part 1	5/10/2012	2.25
ITRC/Incremental sampling Methodology - Part 2	5/15/2012	2.25
ITRC/LNAPL Characterization and Recoverability - Part 2	5/17/2012	2.25
ITRC/Evaluating LNAPL Remedial Technologies for Achieving Project Goals - Part 3	5/24/2012	2.25
ITRC/Development of Performance Specifications for Solidification/Stabilization	6/5/2012	2.25

ITRC/Biofuels: Release Prevention, Environmental Behavior, and Remediation	6/7/2012	2.25
ITRC/Incorporating Bioavailability Considerations into the Evaluation of Contaminated Sediment Sites	6/12/2012	2.25
ITRC/Decision Framework for Applying Attenuation Processes to Metals and Radionuclides	6/14/2012	2.25
ITRC/Green and Sustainable Remediation	7/19/2012	2.25
ITRC/Integrated DNAPL Site Strategy	7/24/2012	2.25
ITRC/Project Risk Management for Site Remediation	7/26/2012	2.25
ITRC/Mine Waste Treatment Technology Selection	8/14/2012	2.25
ITRC/Incremental Sampling Methodology - Part 1	8/21/2012	2.25
ITRC/ Incremental Sampling Methodology - Part 2	8/28/2012	2.25
ITRC/Development of Performance Specifications for Solidification/Stabilization	9/13/2012	2.25
ITRC/Biofuels: Release Prevention, Environmental Behavior, and Remediation	10/2/2012	2.25
ITRC/Integrated DNAPL Site Strategy	10/4/2012	2.25
ITRC/Permeable Reactive Barrier: Technology Update	10/11/2012	2.25
ITRC/Incorporating Bioavailability Considerations into the Evaluation of Contaminated Sediment Sites	10/18/2012	2.25
ITRC/Use and Measurement of Mass Flux and Mass Discharge	10/30/2012	2.25
ITRC/Incremental Sampling Methodology - Part 1	11/6/2012	2.25
ITRC/ Incremental Sampling Methodology - Part 2	11/13/2012	2.25
ITRC/Green and Sustainable Remediation	11/27/2012	2.25
ITRC/Project Risk Management for Site Remediation	12/11/2012	2.25
ITRC/Biofuels: Release Prevention, Environmental Behavior, and Remediation	12/13/2012	2.25